

**Notice of Allowability**

Application No.

10/696,996

Applicant(s)

CHA, HONG RAE

Examiner

Hana A. Sanei

Art Unit

2879

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an Amendment filed on 11/06/07.
2. ☒ The allowed claim(s) is/are 5-28, 34-43, 45, 46 and 48-59.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|  | 9. <input type="checkbox"/> Other _____   |

***Response to Amendment***

The Amendment, filed on 11/06/07, has been entered and acknowledged by the Examiner.

Cancellation of claim(s) 1-4, 29-33, 44, 47, 60-63 has been entered.

Claim(s) 5-28, 34-43, 45-46, 48-59 are pending in the instant application.

***Examiner's Amendment***

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Samuel Ntiro on 11/12/07 to delete dependent claims 44 & 47 as both claims depend upon a canceled independent claim 29.

***In the Claims***

Delete Claim 44, on Page 10.

Delete Claim 47, on Page. 10

***Allowable Subject Matter***

A. Claim 5-9, 42, 45-46, 50-57 are allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

The prior art of record teaches a plasma display panel, comprising:  
a panel; a front surface filter disposed directly on a front surface of the panel to have a wider area than the panel; a back cover disposed at a rear surface of the panel;

a filter support for electrically connecting the front surface filter with the back cover; a support member disposed to encompass a portion of the front surface filter and the filter support, and connected to the back cover; and a metallic layer formed on an extending portion of the front surface filter.

However, the prior art of record neither shows nor suggests a motivation for the extending portion not overlapping with the panel and being located between the filter support and the support member as set forth in Claim 5.

Claim 6-9, 42, 45-46, 50-57 are allowable because of their dependency status from claim 5.

B. Claim 10-13, 25-27, 58 are allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

The prior art of record teaches a plasma display panel, comprising: a panel having an upper substrate and a lower substrate for displaying an image; a front surface filter formed directly on a front surface of the panel; a back cover spaced from and disposed in a backward portion of the panel to cover the backward portion of the panel; a front cover spaced from and disposed in a forward portion of the film type front surface filter to cover at least part of the front surface filter; a filter support to physically support the front surface filter and electrically connect the front surface filter with at least one of the back cover or the front cover; and a first conductive layer formed between the end portion of the front surface filter and the filter support to electrically connect the front surface filter and the filter support.

However, the prior art of record neither shows nor suggests a motivation for the filter support being disposed between front surface filter and the front cover as set forth in Claim 10.

Claims 11-13, 25-27, 58 are allowable because of their dependency status from claim 10.

C. Claim 14-24, 28, 43, 59 are allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

The prior art of record teaches a plasma display panel, comprising: panel having an upper substrate and a lower substrate; a film type front surface filter disposed at a front surface of the panel, the film type front surface filter having a wider area than that of the panel so that the film type front surface filter has an extended portion in at least part thereof beyond the edges of the panel; a back cover spaced from and disposed in a backward portion of the panel to cover the backward portion of the panel; a filter support disposed between the film type front surface filter and the back cover to physically support the film type front surface filter and electrically connect the film type front surface filter with the back cover.

However, the prior art of record neither shows nor suggests a motivation for and a first conductive layer formed between the extended portion of the film type front surface filter and the filter support to electrically connect the film type front surface filter and the filter support as set forth in Claim 14.

Claims 15-24, 28, 43, 59 are allowable because of their dependency status from claim 14.

D. Claims 34-38, 48 are allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

The prior art of record teaches a plasma display panel, comprising: a panel; a front surface filter formed directly on a front surface of the panel; a first metallic layer formed on a prescribed area of a front surface of the front a back cover disposed at a rear surface of the panel; a front cover disposed at the front surface of the front surface filter; and a filter support formed on a front surface of the first metallic layer for electrically connecting the front surface filter with the back cover or the front cover.

However, the prior art of record neither shows nor suggests a motivation for the filter support being disposed between the front surface filter and the front cover as set forth in Claim 34.

Claims 35-38, 48 are allowable because of their dependency status from claim 34.

E. Claims 39-41, 49 are allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

The prior art of record teaches a plasma display panel, comprising: a panel; a front surface filter formed directly on a front surface of the panel; a metallic layer formed on a prescribed area of a front surface, a rear surface, and a lateral face of the front surface filter; a back cover disposed at a rear surface of the panel; a front cover disposed at the front surface of the front surface filter; and a filter support formed on the metallic layer for electrically connecting the front surface filter with the back cover or the front cover.

However, the prior art of record neither shows nor suggests a motivation for the filter support being disposed between the front surface filter and the front cover as set forth in Claim 39.

Claims 40-41, 49 are allowable because of their dependency status from claim 39.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hana A. Sanei whose telephone number is (571) 272-8654. The examiner can normally be reached on Monday- Friday, 9 am - 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimeshkumar D. Patel can be reached on (571) 272-2457. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Joseph L. Williams/

Primary Examiner

/Hana A Sanei/  
Examiner